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Verfahren zur Herstellung von Kohlenstoffk erpern

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- **International:** C04B35/52
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TITLE: Carbonised or graphitised mouldings - with good dimensional stability and low tendency to crack formation

PATENT-ASSIGNEE: SIGRI ELEKTROGRAPHIT GMBH[SIGE]

PRIORITY-DATA: 1971DE-2131792 (June 26, 1971) , 1971DE-2133949 (July 8, 1971) , 1973DE-2325163 (May 18, 1973)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 2131792 A		N/A	000	N/A
DE 2131792 B	June 1, 1978	N/A	000	N/A
FR 2143654 A		N/A	000	N/A

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ABSTRACTED-PUB-NO: DE 2131792A

BASIC-ABSTRACT:

Process for mfr. of carbonaceous articles by moulding, carbonising and opt. graphitising of a mixt. of carbonaceous solids (I) and a binder (II) is characterised in that in carbonising the wt. losses of (I) and (II) are $\geq 40\%$ but $< 60\%$. (I) may be wood or paper pulp or a cured synthetic resin. (II) may be uncured PF and/or foran resin. Dimensional accuracy is achieved and risk of crack formation reduced with little shrinkage in drying stage. Prod. is used in mfr. of refractory linings for e.g. electrolytic cells, furnaces.

TITLE-TERMS: CARBONISE GRAPHITISE MOULD DIMENSION STABILISED LOW TENDENCY CRACK FORMATION

DERWENT-CLASS: A21 A81 L02

CPI-CODES: A10-E05; A12-E01; L02-E07; L02-H04;

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Multipunch Codes: 012 03- 040 080 14& 140 153 180 213 214 215 23& 231 236 240 252 359 473 541 542 551 552 609 681

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